



SELF-AD X

SBS modified self-adhesive bituminous membrane

Waterproofing

Leb	Jordan	Egypt	UAE	Qatar	Kuwait	KSA	Oman
1x15m	1x15m	1x15m	1x15m	1x15m	1x15m	1x15m	1x15m
1x20m	1x20m	1x20m	1x20m	1x20m	1x20m	1x20m	1x20m

1x20 for 1.6mm thickness
1x15 for 2mm thickness

PRODUCT

SELF-AD X is a cold applied, multi-ply prefabricated SBS modified self-adhesive bituminous membrane, reinforced with non-woven polyester and top surface finished with PET film.

SCOPE OF USE

SELF-AD X is a general purpose waterproofing membrane suitable for different waterproofing application. Mainly recommended but not restricted to:

- Basement
- Foundation dressing
- Piles and Footing Wrapping
- Terraces and covered roofs
- For manholes and water retaining structures
- Waterproofing of metal roofs

ADVANTAGES

- Provide excellent barrier against vapour and water.
- Ideal for the protection of substructures where corrosive ground water salts are present.
- Excellent elongation and recovery characteristics.
- Self sealing to minor punctures.

INSTRUCTIONS FOR USE

SURFACE PREPARATION

The surface must be clean, smooth and free from any laitance or loose particles. It should be fully dry.

The entire surface must be primed by solvent based bituminous primer.

MEMBRANE LAYING

On horizontal surfaces, open the roll and lay it completely on the floor. If necessary mark the floor along the whole length to ensure straight alignment.

While two applicators start peeling off the release film, a third one presses the membrane firmly on the ground.

Place the adjacent membrane straight along the provided selvedge and repeat the same steps. If any mistake in aligning the rolls, lift them slowly and replace them again.

Once the rolls are well placed, roll their surface with a wooden roller, taking extra care on the joints thus ensuring a long lasting bond.

On vertical surfaces, cut the rolls according to the required height and place them as per the above detailed procedure.

PROTECTION

SELF-AD X is provided with a tough surface, however, in under-ground application especially on vertical surfaces it is highly recommended to protect the membrane with suitable protection like Proboard.

PROPERTIES	TYPICAL VALUES		TEST METHOD	
Thickness	1.6mm±0.2	2mm±0.2	ASTM D 5147	
Reinforcement base	non woven polyester	non-woven polyester	ASTM D 5147	
Maximum tensile force* (23±2°C)	Longitudinal Transverse	400N/5cm (8KN/m) 250N/5cm (5KN/m)	600N/5cm (12KN/m) 300N/5cm (6KN/m)	UEAtc 2001 (ASTM D 5147)
Elongation*	Longitudinal Transverse	40% 45%	45% 50%	ASTM D 5147/UEAtc 2001
Shear resistance of joints*	Longitudinal Transverse	350N/5cm 250N/5cm	500N/5cm 300N/5cm	UEAtc 2001
Tear strength*	Longitudinal Transverse	250N 150N	300N 200N	ASTM D 4073
Cold Flexibility	-20°C	-20°C	ASTM D 5147	
Puncture resistance	To Static load To impact	L10 I20	L10 I15	UEAtc 2001 UEAtc 2001
Water absorption (24 hrs 23±2°C)	<1%	<1%	ASTM D 5147	
Penetration (25°C)	50-70dmm	50-70dmm	ASTM D5	
Softening point	90-100°C	90-100°C	ASTM D36	
Peel resistance to self UEAtc 2001/EN 12316	30N/5cm	35N/5cm	UEAtc 2001/EN 12316	

* Values subject to a variation of ±20%

STORAGE

Rolls should be stored vertically, in dry areas under cover, away from direct sunlight for not more than 6 month.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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